

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88240		² OGRID Number 14744
		³ Reason for Filing Code/ Effective Date NW / 10/04/18
⁴ API Number 30 - 015-44579	⁵ Pool Name Shugart Bone Spring North	⁶ Pool Code 56405
⁷ Property Code 320081	⁸ Property Name Virgo 24/23 B2AD Fed Com	⁹ Well Number 1H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
A	24	18S	30E		450	North	185	East	Eddy

¹¹ Bottom Hole Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	23	18S	30E		482	North	101	West	Eddy
¹² Lse Code F	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 10/04/18	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
35246	Shell Trading US Co PO Box 4604 Houston, TX 77210	O
371960	Lucid Energy Group 3100 McKinnon Suite 800 Dallas, TX 75201	G
	RECEIVED	
	OCT 19 2018	
	DISTRICT II-ARTESIA O.C.D.	

IV. Well Completion Data

²¹ Spud Date 07/01/18	²² Ready Date 10/04/18	²³ TD 18930' / 0579	²⁴ PBSD 18892'	²⁵ Perforations 8825' - 18885'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	615'	575 - curc		
12 1/4"	9 5/8"	1903'	855 - curc		
8 3/4"	7"	9008'	925 - curc		
6 1/8"	4 1/2"	8232' - 18885'	600 - curc		
	3 1/2"	8171'			

V. Well Test Data

³¹ Date New Oil 10/04/18	³² Gas Delivery Date 10/04/18	³³ Test Date 10/12/18	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 160	³⁶ Csg. Pressure 0
³⁷ Choke Size 39/64"	³⁸ Oil 414	³⁹ Water 1498	⁴⁰ Gas 524		⁴¹ Test Method Production

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Jackie Lathan		OIL CONSERVATION DIVISION	
Printed name: Jackie Lathan		Approved by: Rusty Allen	
Title: Regulatory		Title: Business Ops Spec A	
E-mail Address: jlathan@mewbourne.com		Approval Date: 10-19-2018	
Date: 10/16/18	Phone: 575-393-5905		

Pending BLM approvals will
subsequently be reviewed
and scanned

OCT 19 2018

Form 3160-4
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DISTRICT II-ARTESIA O.C.D.FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMNM93771

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator MEWBOURNE OIL COMPANY			Contact: JACKIE LATHAN E-Mail: jlathan@mewbourne.com		
3. Address PO BOX 5270 HOBBS, NM 88241			3a. Phone No. (include area code) Ph: 575-393-5905		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface Sec 24 T18S R30E Mer NENE 450FNL 185FEL At top prod interval reported below Sec 24 T18S R30E Mer NMP NENE 479FNL 361FEL At total depth Sec 23 T18S R30E Mer NMP NWNW 482FNL 101FWL			8. Lease Name and Well No. VIRGO 24/23 B2AD FED COM 1H		
14. Date Spudded 07/01/2018			15. Date T.D. Reached 08/03/2018		9. API Well No. 30-015-44579
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/04/2018			10. Field and Pool, or Exploratory SHUGART; BONE SPRING N		
18. Total Depth: MD 18930 TVD 8579			19. Plug Back T.D.: MD 18892 TVD 8579		11. Sec., T., R., M., or Block and Survey or Area Sec 24 T18S R30E Mer
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CCL, CNL, CBL & GR			12. County or Parish EDDY		
			13. State NM		17. Elevations (DF, KB, RT, GL)* 3632 GL
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		
Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)					

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 HCL80	40.0	0	215		0	0	0	
17.500	13.375 J55	54.5	0	615		575	165	0	
8.750	7.000 HCP110	29.0	0	9008		925	307	0	
12.250	HCL80 9.625 J55	40.0	215	1903		855	238	0	
6.125	4.500 HCP110	13.5	8232	18885		600	276	0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
3.500	8171							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8230	18930	8825 TO 18885	0.390	1728	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8825 TO 18885	20,741,952 GALS SLICKWATER CARRYING 13,358,960# LOCAL 100 MESH SAND & 6,597,660# LOCAL 40/70 SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/04/2018	10/12/2018	24	→	414.0	524.0	1498.0	47.6	0.79	FLOW FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
39/64"	160	0.0	→	414	524	1498	3618	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #439904 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OP

Pending BLM approvals will
subsequently be reviewed
and scanned

- LIMITED **

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
BONE SPRING	8230	18930	OIL, WATER & GAS	RUSTLER CASTILE B/SALT YATES SEVEN RIVERS GRAYBURG DELAWARE BONE SPRING	530 695 1748 1958 2387 3365 4372 5777

32. Additional remarks (include plugging procedure):

Logs will be sent by mail.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #439904 Verified by the BLM Well Information System.
For MEWBOURNE OIL COMPANY, sent to the Carlsbad

Name (please print) JACKIE LATHAN

Title REGULATORY

Signature (Electronic Submission)

Date 10/16/2018

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 20185. Lease Serial No.
NMNM93771

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other8. Well Name and No.
VIRGO 24/23 B2AD FED COM 1H2. Name of Operator
MEWBOURNE OIL COMPANYContact: JACKIE LATHAN
E-Mail: jlathan@mewbourne.com9. API Well No.
30-015-445793a. Address
PO BOX 5270
HOBBS, NM 882413b. Phone No. (include area code)
Ph: 575-393-590510. Field and Pool or Exploratory Area
SHUGART BONE SPRING N

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 24 T18S R30E Mer NMP NENE 450FNL 185FEL

11. County or Parish, State
EDDY COUNTY, NM**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

09/24/18 Frac Bone Spring from 8825' MD (8644' TVD) to 18885' MD (8578' TVD). 1728 holes, 0.39' EHD, 120 degree phasing. Frac in 49 stages w/20,741,952 gals slickwater, carrying 13,358,960# Local 100 Mesh Sand & 6,597,660# Local 40/70 Sand.

Flowback well for cleanup.

10/03/18 RIH w/3 1/2" 9.3# IPC tbg & GLVs.

10/04/18 PWOL for production.

Bond on file: NM1693 nationwide & NMB000919

RECEIVED

OCT 19 2018

DISTRICT II-ARTESIA O.C.D.

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #439888 verified by the BLM Well Information System
For MEWBOURNE OIL COMPANY, sent to the Carlsbad**

Name (Printed/Typed) JACKIE LATHAN

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 10/16/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Pending BLM approvals will
subsequently be reviewed
and scanned

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowing States any false, fictitious or fraudulent statements or representations as to any matter within its jurisd

nited

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #439888 that would not fit on the form

32. Additional remarks, continued

Bond on file: 22015694 nationwide & 022041703 Statewide